



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

September 21, 1987

OFFICE OF  
SOLID WASTE AND EMERGENCY RESPONSE

SUBJECT: Pasco Sanitary Landfill (Resource Recovery), Washington  
FROM: Dottie Pipkin *Dottie Pipkin* (FTS 382-2032)  
Office of Waste Programs Enforcement  
TO: Barbara Cane  
Region X

Per your request, attached is the REM/FIT contract letter report from Ecology and Environment (68-01-6692) for the Pasco site. I am sorry for the delay this has caused your Region. If you have questions, please call me.

Attachments

SEP 22 1987  
Superfund Branch

USEPA SF



1452541



## ecology and environment, inc.

195 SUGG ROAD, P.O. BOX D, BUFFALO, NEW YORK 14225, TEL. 716-632-4491, TELEX 91-9183

International Specialists in the Environment

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ACCORDANCE WITH 40 C.F.R. PART 2.

TO: Ms. Dorothy Pipkin  
US Environmental Protection Agency  
OWPE (WH-527)  
401 M Street, S.W.  
Washington, DC 20460

FROM: Louis W. Adams  
REM/FIT Coordinator

DATE: September 17, 1987

SUBJECT: Obtaining Cost Recovery Data Related to REM/FIT Activities  
Performed Under EPA Contract No. 68-01-6692 - Pasco  
Sanitary Landfill A/K/A Resource Recovery Corp., Pasco,  
Wash. (10T67)

REFERENCES: (1) Telecon D. Pipkin, EPA Enforcement and J. E. Strickland,  
E & E Contract Admin., April 30, 1987

(2) CDM Subcontract No. TESK-CO-554-01 dated September 16, 1987

IN REPLY REFER TO: EF-4610

As requested in References (1) and (2) above, our records reveal five (5) Technical Direction Documents (TDDs) and one (1) Subcontract relating to subject site. The Field Investigation Team (REM/FIT) Level of Effort (LOE) hours expended were for site investigation and associated enforcement action. The total estimated cost for the field investigation effort conducted under the five TDDs and one subcontract is as follows:

	Contract No.
	68-01-6692 (REM/FIT)
	to Jan. 31, 1987
Total LOE Hours, Per Attachment No. 1	3,162
Apply Factor for Non-TDD Technical	
Effort, Per Attachment No. 2	X 1.349
Total Hours	4,266
Cost Per LOE Hour - Program-wide	
Average, Per Attachment No. 3	\$ 42.49
Total	\$ 181,262.34
Subcontractor's Cost, Per Attachment No. 2	46,796.00
Total	\$ 288,058.34
E & E Cost for Preparing this Report	1,800.00
Total Estimated Cost	\$ 289,858.34



As requested, copies of the Technical Direction Documents and Acknowledgements of Completion are attached herewith.

Please note that the cost analysis provided herein does not consider EPA internal contract management cost nor the cost of any sample analysis performed by EPA or contract laboratories. Such cost can be obtained through EPA channels, if deemed appropriate.

The information contained in this report is a complete and accurate summary of the available REM/FIT cost information contained in our record-keeping process, to the best of our knowledge and belief.

Should there be any questions with respect to the above, please contact the undersigned at 716/632-4491.

Respectfully submitted,

Louis W. Adams *LS*

Louis W. Adams  
REM/FIT Coordinator

LWA/1m



## ATTACHMENT NO. 1

Pasco Sanitary Landfill, A/K/A Resource Recovery Corp., Pasco, Wash. (10TG7)  
 Recap of Technical Direction Documents (TDDs) together with  
 Acknowledgements of Completion and Level of Effort (LOE) Hours

TDD NO.	DESCRIPTION	PERIOD COVERED	LOE HOURS
R10-8212-02A	Review all consolidated files from Air and Waste Division. Evaluate files to eliminate backlog and to select sites for further study.	April 10, 1983 to May 26, 1983	1 (A)
R10-8408-22	Perform site inspection at Resource Recovery Corp., Pasco, Wash.	Aug. 8, 1984 to April 6, 1985	337
R10-8410-06	Quality assurance review of samples collected at Resource Recovery Corp.	Oct. 19, 1984 to Dec. 3, 1984	21
R10-8410-14	Tier 2A dioxin sampling of soils, sediments and water at Resource Recovery Land-fill, Pasco, WA.	Oct. 19, 1984 to June 23, 1986	2,796
R10-8507-01	Quality assurance review of analytical results.	July 1, 1985 to Oct. 7, 1985	7 (B)
Total LOE Hours - Contract No. 68-01-6692 (REM/FIT)			<u>3,162</u>

## NOTES:

- (A) As indicated, this TDD covered an unknown number of sites. In order to ascertain the number of LOE hours associated with subject site, we contacted out Region X office in Seattle and they advised us that they estimated LOE hours based upon the size of the file review. In this instance, the file was small and they estimated that only 1 hour was expended at subject site.
- (B) In accordance with directions contained in the TDD, actual LOE hours for each site reviewed were maintained by our Region X Seattle office.



ATTACHMENT NO. 2

Pasco Sanitary Landfill, A/K/A Resource Recovery Corp., Pasco, Wash. (10T67)  
Recap of Subcontractor's Invoice

TDD NO.	SUBCONTRACTOR	DESCRIPTION OF SERVICES	AMOUNT
R10-8410-14	Boyle Bros. Drilling CO.	Installation of monitoring wells	\$46,796.00
Total Applicable to Contract No. 68-01-6692 (REM/FIT)			\$46,796.00






## ecology and environment, inc.

ROSSLYN CENTER, 1700 NORTH MOORE ST., ARLINGTON, VA. 22209, TEL. 703-522-6065

International Specialists in the Environment

### MEMORANDUM

TO: USEPA  
Office of Waste Programs Enforcement

FROM: REM/FIT Zone II  
AZPMO-FIT Operations, L. Welzel 

DATE: June 4, 1987

SUBJECT: Update of Cost Estimates for Field Investigation  
Team Effort Under EPA Contracts #68-01-6056 (FIT)  
and #68-01-6692 (REM/FIT)

REFERENCE: LF7-06038701

1. Over the past three years, various cost analysis techniques for establishing realistic U.S. Government costs for Field Investigation Team (FIT) effort on specific site investigations have been evaluated by EPA and E&E program management personnel. The concept that has been successfully employed under the FIT and REM/FIT programs for several cost recovery negotiations and/or litigations, is based on the parametric distribution of all costs associated with the FIT programs via a unit cost per manhour of effort expended on a specific site.
2. Early in the FIT program (1981), our cost analysis indicated that the appropriate rate was approximately \$35.00 per direct labor hour expended on a specific site tasking. This rate was generated by tabulation of all program costs, removing subcontracting expenditures, which are highly variable from site to site, and then dividing by the total number of direct labor hours. The parametric rate could be used to determine the cost associated with a particular site by multiplying the number of direct labor hours expended on an investigation by the \$35.00 per hour rate, and then adding the cost of subcontracts specific to the site to establish the total cost of the investigation.
3. While the fully loaded rate of \$35.00 per direct labor hour continued to remain essentially valid, experience and further analysis of this approach have shown that many direct labor hours (management and secretarial effort) are not uniquely charged to specific site investigations, but are spread over several sites. Consequently, not all direct labor hours are identifiable to specific sites and the cost value generated by this methodology is somewhat understated.



4. A more precise method to determine specific site investigation costs under the previous FIT contract evolved through refinement of the earlier technique. The net program costs were again derived by subtracting all subcontracting costs from the overall cost of the contract. This net cost was then divided by the total number of level of effort manhours to arrive at an average cost per manhour of technical personnel. Based on contract costs paid by EPA through November 21, 1986, and time records through the end of the FIT Contract, 31 December 1982, the parametric cost is computed to be \$40.72 per level of effort hour as follows:

a. Total Program Cost including Base Fee and Award Fee	=	\$37,522,801
b. Less Cost of Subcontracts	-	<u>\$ 3,152,808</u>
c. NET Distributable Costs (a - b)	=	\$34,369,993
d. LOE (Technical) Hours	=	844,027
e. Unit Cost Per LOE Hour (c ÷ d)	=	<u>\$ 40.72</u>

NOTE: It must be recognized that two major cost elements remain to be resolved which will affect this parametric cost. At issue are overhead and G&A rate adjustments for E&E FY 83, and final settlement of the F.C. Hart Inc. claims for operation of two regional offices. The total unpaid cost is approximately \$260,000. In addition, the program costs cited have not received DCAA final audit for E&E FY 81 through FY 83.

5. The above unit cost incorporates all contractor incurred direct and indirect charges associated with the administration, management, and performance under the FIT contract, to include all wages, fringe, overhead, clerical support, travel, office rental and supplies, field equipment, expendable materials, general and administrative expenses, and fees. Subcontracting costs for site specific tasks such as well drilling, surveying, engineering consultants, expert witnesses, etc. are not included in this unit cost. The figure cited also does not address EPA internal costs associated with the administration and management of the contract, nor the cost of sample analysis performed by EPA or contract laboratories.
6. Before application of this parametric cost rate to determine cost recovery values for litigation, another point must be considered. Our initial experience on the FIT contract indicated that 75% of the technical effort was utilized on site specific tasks assigned by Technical Directive Documents (TDD). However at least 25% of all available level of effort hours are expended on essential



investigation activities that cannot be identified or tabulated to specific hazardous waste sites (Non-TDD effort). Some examples are equipment cleaning, repair, and maintenance; instrument calibration; technical literature research; refresher training; planning and coordination of multi-site projects; and, field team management. In recognition of this fact, the number of technical personnel hours that have been charged to a specific site must be multiplied by a factor (previously 1.333) in order to legitimately distribute all costs at the \$40.72 per hour rate derived above. During a DCAA review of the parametric cost recovery methodology conducted on 28 February 1984, the TDD vs. total LOE hours overall program factor was recognized as 1.376 for the FIT program. As a result of Quality Assurance reviews of the site by site time records in late 1986, this factor has now been established as 1.433 for the FIT contract.

7. After the site pro rata costs based on LOE hours are extended and calculated using the parametric factors, the value of the site specific subcontracts can then be added to obtain the total cost of the field investigation effort on a specific hazardous waste site.

#### REM/FIT Program Costs and Factors

8. During the period 1 January 1983 through 31 October 1986, all field investigation effort within EPA Regions V through X was charged to the REM/FIT Zone II program (EPA Contract #68-01-6692). At the present time the parametric unit cost per LOE hour comparable to that calculated in the preceding paragraphs is computed to be \$42.49 per hour, as follows:
  - a. Total FIT Program Cost (includes  
all management costs and fees  
paid through 31 October 1986) = \$59,662,837
  - b. Less Cost of Subcontracts - \$ 4,216,087
  - c. NET Distributable Costs (a - b) = \$55,446,750
  - d. LOE (Technical) Hours  
(through 31 October 1986) 1,304,953
  - e. Unit Cost Per LOE Hour (c ÷ d) = \$ 42.49
9. As in the previous FIT contract, this unit cost will vary significantly as outstanding billings are paid on the REM/FIT program. At the present time, costs of \$1,386,710 have been invoiced but not paid. REM/FIT award fees are distributed on a trimester basis and the above total cost includes only those fee



Page Four  
LF7-06038701.3

amounts awarded and paid for performance through Evaluation Period #11 which ended 31 May 1986. An Additional award fee billing of nearly \$500,000 is anticipated for PER #12. Some indirect rate adjustments are invoiced at the close of each E & E fiscal year. The supplemental amount for E & E FY87 is expected to be approximately \$180,000. The current factor for allocating Non-TDD LOE effort on the REM/FIT program has been established at 1.349 of 31 January 1987.

cc: S. Fredericks, EPA DPO FIT  
W. Sellman, CH2M Hill

06/04/87



1. Cost Center CH-633-10	REM/FIT ZONE II CONTRACT CONTRACT NO. 68-01-6692	2. No. R10-8212-02A
1A. Account No.	TDD ACKNOWLEDGEMENT OF COMPLETION	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Interim
Review of Air and Waste Division Consolidated Files		

3. Response: ☐ Formal Report ☒ Letter Report ☐ Formal Briefing ☒ Other (Specify):

File review checklists incorporating elements needed to fill out turnaround documents and to note applicable backlog reduction categories were filled out for each site. Approximately 630 files were reviewed for the first time during April 1983, and an additional 160 odd files were checked again and ~~REVIEWED~~ had data transferred from a previous type of checklist to a new one, with additional data, during May. Approx. 168 Preliminary Assessments were completed during April. All sites on which the FIT had not previously worked were entered on the Site Tracking System.

3B. Technical Labor Hours Expended

930

3C. Subcontract Cost

3D. Total Project Cost to Date

930 x 40 = \$37,200

4. FIT-RPO Action

☒ Accepted

☐ Accepted with Exceptions

☐ Rejected

5. Comments: Labor hours were considerably below estimate as many files turned out to be almost devoid of information. As a consequence the FIT was able to accomplish this important task on time during a very busy period.

6. I certify that the attached materials meet and comply with all requirements of the subject TDD.

*Hussein M. Alota*

(Contractor RPM Signature)

7. Date

5/26/83

8. I acknowledge that I have been provided with the material and services specified in the subject TDD.

*William B. Schmitt*

(FIT-RPO Signature)

9. Date

Sheet 1 White - RPM Copy  
Sheet 2 Green - RPO Copy  
Sheet 3 Canary - ZPM Copy  
Sheet 4 Pink - Project Officer Copy  
Sheet 5 Goldenrod - AZPM - FIT Copy





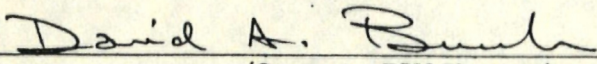
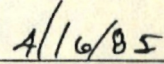
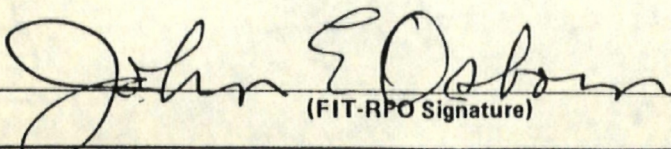
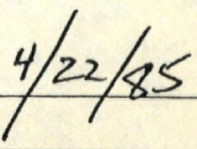
Evers/Brooks

<b>1. Cost Center</b> CH-633-10	<b>REM/FIT ZONE II CONTRACT</b> <b>CONTRACT NO. 68-01-6692</b> <b>TECHNICAL DIRECTIVE DOCUMENT (TDD)</b>			<b>2.</b>  No. <u>R10-8408-22</u>
<b>1A. Account No.</b>				
<b>3. Priority:</b> <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<b>4. Estimate of Technical Hours</b> 60  <b>4A. Estimate of Subcontract Cost</b>	<b>5. EPA Site ID</b> WAD 991281874  <b>5A. EPA Site Name</b> Resource Recovery Corp.	<b>6. Completion Date:</b> 11/30*	<b>7. Reference Info:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Pick Up
<b>8. General Task Description:</b> <u>Perform site inspection of Resource Recovery Corp., Pasco, WA</u>    				
<b>9. Specific Elements:</b> 1) <u>Review EPA and State agency files as appropriate</u> 2) <u>Review background literature on manufacturing processes and industries</u> 3) <u>Set up appointments--coordinate with D. Flood, EPA 442-2722 and Ned Therien, DOE 459-6352</u> 4) <u>Collect grab samples as appropriate</u> 5) <u>Prepare EPA Form 2070-13 with narrative summary and photo documentation</u> 6) <u>Prepare HRS if site has observed release or potential release</u> 7) <u>Prepare detailed sampling work plan if site requires additional investigation</u>			<b>10. Interim Deadlines</b>      9/30/84  11/30	
<b>11. Desired Report Form:</b> <input type="checkbox"/> Formal Report <input type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing  Other (Specify): <u>EPA Form 2070-13 w/narrative summary</u>				
<b>12. Comments:</b> <u>Form 2070-13 submitted by 9/30/84; site specific HRS scoring and investigative work plans submitted as necessary by 11/30.</u>  				
<b>13. Authorizing RPO:</b> <u>William, B. Schmidt</u> (Signature)			<b>14. Date:</b> <u>8/10/84</u>	
<b>15. Received By:</b> <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected <u>D. A. Bueh</u> (Contractor RPM Signature)			<b>16. Date:</b> <u>8/8/84</u>	

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 Sheet 3 Canary - ZPM Copy  
 Sheet 4 Pink - Project Officer Copy  
 Sheet 5 Goldenrod - AZPM Copy

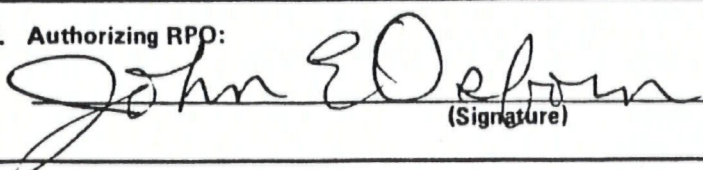
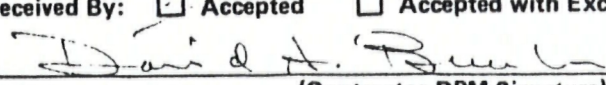
ecology and environment




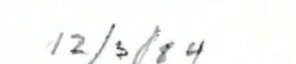
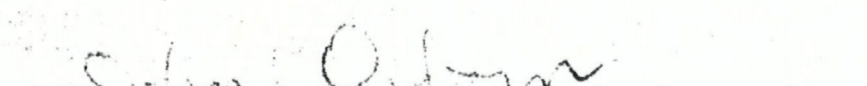
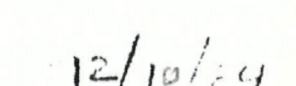
<b>1. Cost Center</b> CH-633-10	<b>REM/FIT ZONE II CONTRACT</b> <b>CONTRACT NO. 68-01-6692</b> <b>TDD ACKNOWLEDGEMENT OF COMPLETION</b>  Resource Recovery: SI/HRS	<b>2. No. R10-8408-22</b>  <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Interim
<b>1A. Account No.</b>		
<b>3. Response:</b> <input checked="" type="checkbox"/> Formal Report <input type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing <input type="checkbox"/> Other (Specify):		
SI submitted: 1/21/85  HRS submitted: 4/8/85		
<b>3B. Technical Labor Hours Expended</b> 334	<b>3C. Subcontract Cost</b>	<b>3D. Total Project Cost to Date</b> 334 hrs.
<b>4. FIT-RPO Action</b> <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected		
<b>5. Comments:</b>		
<b>6. I certify that the attached materials meet and comply with all requirements of the subject TDD.</b>  <div style="text-align: center;">         (Contractor RPM Signature)     </div>		<b>7. Date</b>  <div style="text-align: center;">  </div>
<b>8. I acknowledge that I have been provided with the material and services specified in the subject TDD.</b>  <div style="text-align: center;">         (FIT-RPO Signature)     </div>		<b>9. Date</b>  <div style="text-align: center;">  </div>

Sheet 1 White — RPM Copy  
 Sheet 2 Green — RPO Copy  
 Sheet 3 Canary — ZPM Copy  
 Sheet 4 Pink — Project Officer Copy  
 Sheet 5 Goldenrod — AZPM - FIT Copy



<b>1. Cost Center</b> CH-633-10		<b>REM/FIT ZONE II CONTRACT</b> <b>CONTRACT NO. 68-01-6692</b> <b>TECHNICAL DIRECTIVE DOCUMENT (TDD)</b>			<b>2.</b> No. R10-8410-06	
<b>1A. Account No.</b>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>E &amp; E</b>  <b>RECEIVED</b>  <b>DEC 31 1984</b> </div>				
<b>3. Priority:</b> <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		<b>4. Estimate of Technical Hours</b> 10	<b>5. EPA Site ID</b> WAD 991281874	<b>6. Completion Date:</b> 11/2/84		<b>7. Reference Info:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Pick Up
		<b>4A. Estimate of Subcontract Cost</b> ---	<b>5A. EPA Site Name</b> Resource Recovery Corp.			
<b>8. General Task Description:</b> Quality assurance review of samples collected at Resource Recovery Corp.						
<b>9. Specific Elements:</b> 1). Five data sets 2). EPA Contact: J. Osborn 442-0837 3). Provide copy of QA'd data to P. Evers, E&E for SI report.					<b>10. Interim Deadlines</b>	
<b>11. Desired Report Form:</b> <input type="checkbox"/> Formal Report <input checked="" type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing  Other (Specify):						
<b>12. Comments:</b>						
<b>13. Authorizing RPO:</b> <div style="text-align: center;">                       (Signature)                 </div>				<b>14. Date:</b> 10/22/84		
<b>15. Received By:</b> <input type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected <div style="text-align: center;">                       (Contractor RPM Signature)                 </div>				<b>16. Date:</b> 10/19/84		



<b>1. Cost Center</b> CH-633-10	<b>REM/FIT ZONE II CONTRACT</b> <b>CONTRACT NO. 68-01-6692</b> <b>TDD ACKNOWLEDGEMENT OF COMPLETION</b>  Resource Recovery Corp: QA of Data	<b>2. No. R10-8410-06</b> <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Interim
<b>1A. Account No.</b>		
<b>3. Response:</b> <input type="checkbox"/> Formal Report <input checked="" type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing <input type="checkbox"/> Other (Specify):		
Inorganics QA submitted on 11/7/84 Organics QA submitted on 11/27/84 Case No: 3206		
<b>3B. Technical Labor Hours Expended</b>  21	<b>3C. Subcontract Cost</b>	<b>3D. Total Project Cost to Date</b>  21 hrs.
<b>4. FIT-RPO Action</b> <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected		
<b>5. Comments:</b>		
<b>6. I certify that the attached materials meet and comply with all requirements of the subject TDD.</b>  <div style="text-align: center;">           (Contractor RPM Signature)       </div>		<b>7. Date</b>  <div style="text-align: center;">           12/5/84       </div>
<b>8. I acknowledge that I have been provided with the material and services specified in the subject TDD.</b>  <div style="text-align: center;">           (FIT-RPO Signature)       </div>		<b>9. Date</b>  <div style="text-align: center;">           12/10/84       </div>

Sheet 1 White — RPM Copy  
 Sheet 2 Green — RPO Copy  
 Sheet 3 Canary — ZPM Copy  
 Sheet 4 Pink — Project Officer Copy  
 Sheet 5 Goldenrod — AZPM - FIT Copy



Sheet 1 White - RPM Copy  
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Sheet 3 Canary - ZPM Copy  
Sheet 4 Pink - Project Officer Copy  
Sheet 5 Goldenrod - AZPM - FIT Copy



WA0280

1. Cost Center

CH-633-10

1A. Account No.

REM/FIT ZONE II CONTRACT  
CONTRACT NO. 68-01-6692

TDD ACKNOWLEDGEMENT OF COMPLETION

Resource Recovery: Dioxin Investigation

2. No. R10-8410-14

☒ Complete☐ Interim

3. Response:

☒ Formal Report☐ Letter Report☐ Formal Briefing☐ Other (Specify):

Final report submitted on 6/18/86

3B. Technical Labor Hours Expended

3078

3C. Subcontract Cost

\$46,796

3D. Total Project Cost to Date

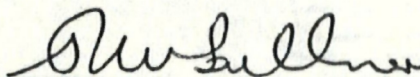
3078 hours

4. FIT-RPO Action

☒ Accepted☐ Accepted with Exceptions☐ Rejected

5. Comments:

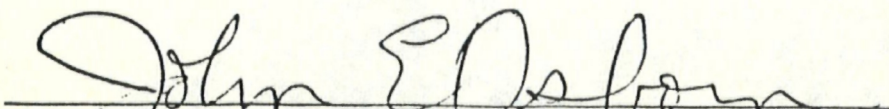
6. I certify that the attached materials meet and comply with all requirements of the subject TDD.

  
 for (Contractor RPM Signature)

7. Date

6/23/86

8. I acknowledge that I have been provided with the material and services specified in the subject TDD.

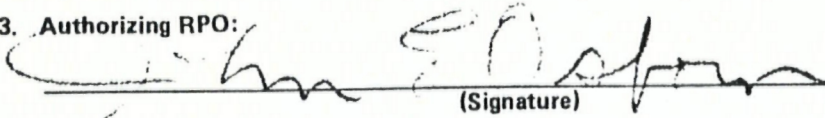
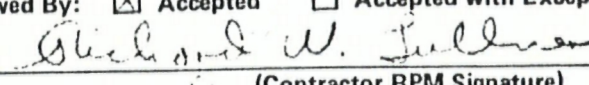
  
 (FIT-RPO Signature)

9. Date

6/23/86

Sheet 1 White - RPM Copy  
 Sheet 2 Green - RPO Copy  
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 Sheet 5 Goldenrod - AZPM - FIT Copy



1. Cost Center CH-633-10	REM/FIT ZONE II CONTRACT CONTRACT NO. 68-01-6692 TECHNICAL DIRECTIVE DOCUMENT (TDD)			JUL 8 1985 No. 8507-01
1A. Account No.				
3. Priority: <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	4. Estimate of Technical Hours 600  4A. Estimate of Subcontract Cost ---	5. EPA Site ID N/A  5A. EPA Site Name N/A	6. Completion Date 9/30/85	7. Reference Info: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Pick Up
8. General Task Description: <u>Quality Assurance review of analytical results*</u>				
9. Specific Elements: <u>1. Provide QA'd copy of results to appropriate project manager</u> <u>2. EPA Contact: John Osborn (442-0837)</u>				10. Interim Deadlines
11. Desired Report Form: <input type="checkbox"/> Formal Report <input checked="" type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing  Other (Specify): _____				
12. Comments: <u>* All analytical results QA'd during this time period will be charged to this TDD. Individual waste site numbers will be used so that hours can be assigned to individual sites.</u>				
13. Authorizing RPO:  (Signature)			14. Date: <u>7/2/85</u>	
15. Received By: <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected  (Contractor RPM Signature)			16. Date: <u>7/1/85</u>	



1. Cost Center CH-633-10	<b>REM/FIT ZONE II CONTRACT</b> <b>CONTRACT NO. 68-01-6692</b> <b>TDD ACKNOWLEDGEMENT OF COMPLETION</b> QA of Data	2. No. <u>R10-8507-01</u>  <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Interim																				
1A. Account No.																						
3. Response: <input type="checkbox"/> Formal Report <input checked="" type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing <input type="checkbox"/> Other (Specify): <p style="text-align: center;">QA was provided for data from the following sites:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">AK 0003: Sterling - 70 hrs.</td> <td style="width: 50%;">OR 0154: Albany Landfill - 13 hrs.</td> </tr> <tr> <td>AK 0024: Prudhoe Bay - 8 hrs.</td> <td>OR 0169: McGovern/Sessler-23 hrs.</td> </tr> <tr> <td>ID 0003: Bunker Hill - 15 hrs.</td> <td>WA 0006: Tulalip Landfill - 23 hrs.</td> </tr> <tr> <td>ID 0032: Deming - 11 hrs.</td> <td>WA 0008: N.W. Trans. - 7 hrs.</td> </tr> <tr> <td>OR 0005: Alkali Lake - 8 hrs.</td> <td>WA 0018: Lakewood-58 hrs.</td> </tr> <tr> <td>OR 0010: NuWay Oil - 120 hrs.</td> <td>WA 0021: Tacoma Tar Pits - 127 hrs.</td> </tr> <tr> <td>OR 0011: St. John's Ldfl. - 32 hrs.</td> <td>WA 0022: West. Process. - 99 hrs.</td> </tr> <tr> <td>OR 0077: J.H. Baxter - 24 hrs.</td> <td>WA 0035: WEll 12-A - 76 hrs.</td> </tr> <tr> <td>OR 0092: Day Island Ldfl. 91 hrs.</td> <td>WA 0043: So. Tac. Channel - 16 hrs.</td> </tr> <tr> <td>OR 0147: Champion Int'l. - 6 hrs.</td> <td>WA 0170: Chromium - 17 hrs.</td> </tr> </table>			AK 0003: Sterling - 70 hrs.	OR 0154: Albany Landfill - 13 hrs.	AK 0024: Prudhoe Bay - 8 hrs.	OR 0169: McGovern/Sessler-23 hrs.	ID 0003: Bunker Hill - 15 hrs.	WA 0006: Tulalip Landfill - 23 hrs.	ID 0032: Deming - 11 hrs.	WA 0008: N.W. Trans. - 7 hrs.	OR 0005: Alkali Lake - 8 hrs.	WA 0018: Lakewood-58 hrs.	OR 0010: NuWay Oil - 120 hrs.	WA 0021: Tacoma Tar Pits - 127 hrs.	OR 0011: St. John's Ldfl. - 32 hrs.	WA 0022: West. Process. - 99 hrs.	OR 0077: J.H. Baxter - 24 hrs.	WA 0035: WEll 12-A - 76 hrs.	OR 0092: Day Island Ldfl. 91 hrs.	WA 0043: So. Tac. Channel - 16 hrs.	OR 0147: Champion Int'l. - 6 hrs.	WA 0170: Chromium - 17 hrs.
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3B. Technical Labor Hours Expended 1241	3C. Subcontract Cost	3D. Total Project Cost to Date 1241 hrs.																				
4. FIT-RPO Action <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected																						
5. Comments: <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           WA 0254: Greenacres - 50 hrs.            PASCO WA 0280: Resource Rec. - 55 hrs.            WA 0433: So. Tacoma Swamp - 34 hrs.         </div> <div style="width: 45%;">           WA 0437: Melco - 26 hrs.            WA 0440: Boulevard Park - 31 hrs.            WA 0443: Brem. Air. - 8 hrs.         </div> </div>																						
6. I certify that the attached materials meet and comply with all requirements of the subject TDD.  <div style="text-align: center; margin-top: 20px;">        for (Contractor RPM Signature)     </div>		7. Date  <div style="text-align: center; margin-top: 20px;">        10/7/85     </div>																				
8. I acknowledge that I have been provided with the material and services specified in the subject TDD.  <div style="text-align: center; margin-top: 20px;">        (FIT-RPO Signature)     </div>		9. Date  <div style="text-align: center; margin-top: 20px;">        10/7/85     </div>																				

Sheet 1 White - RPM Copy  
 Sheet 2 Green - RPO Copy  
 Sheet 3 Canary - ZPM Copy  
 Sheet 4 Pink - Project Officer Copy  
 Sheet 5 Goldenrod - AZPM - FIT Copy